bathomatic®

Basic User Interface

User Guide

bathomatic® automated bath filler and shower control

These instructions are to be left with the user

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Contents

Introduction 3
Graphics Display 4
Quick Start 5
Presets 5
  Running a preset 5
  Changing a preset 6
  Saving a preset 6
Hand Shower 7
Drain Operation 7
  Closing the drain 7
  Opening the drain 7
Main menu 7
Service menu 8
  0% - bath calibration 9
  100% - bath calibration 10

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Introduction

Thank you for purchasing this quality product from Unique Automation. To enjoy the full potential of your new product, please take time to read this guide. Having done so, keep it handy for future reference.

bathomatic is a fully automated bath management system and shower control designed to remove the chores of bath filling and water temperature maintenance leaving the pleasurable part of the bathing experience.

bathomatic can be controlled by a range of interfaces and this guide covers the use of the bathomatic Basic User Interface (BUI). Below are simple instructions allowing users to run a bath and alter their preferences using the easy to navigate BUI with its function/navigation buttons and graphics display.

Basic User Interface - BUI

Function buttons

Shower

Plug

Menu

Presets

Confirmation

Navigation buttons

Depth up, Menu up

Depth down, Menu down

Temperature UP, Menu right

Temperature Down, Menu left

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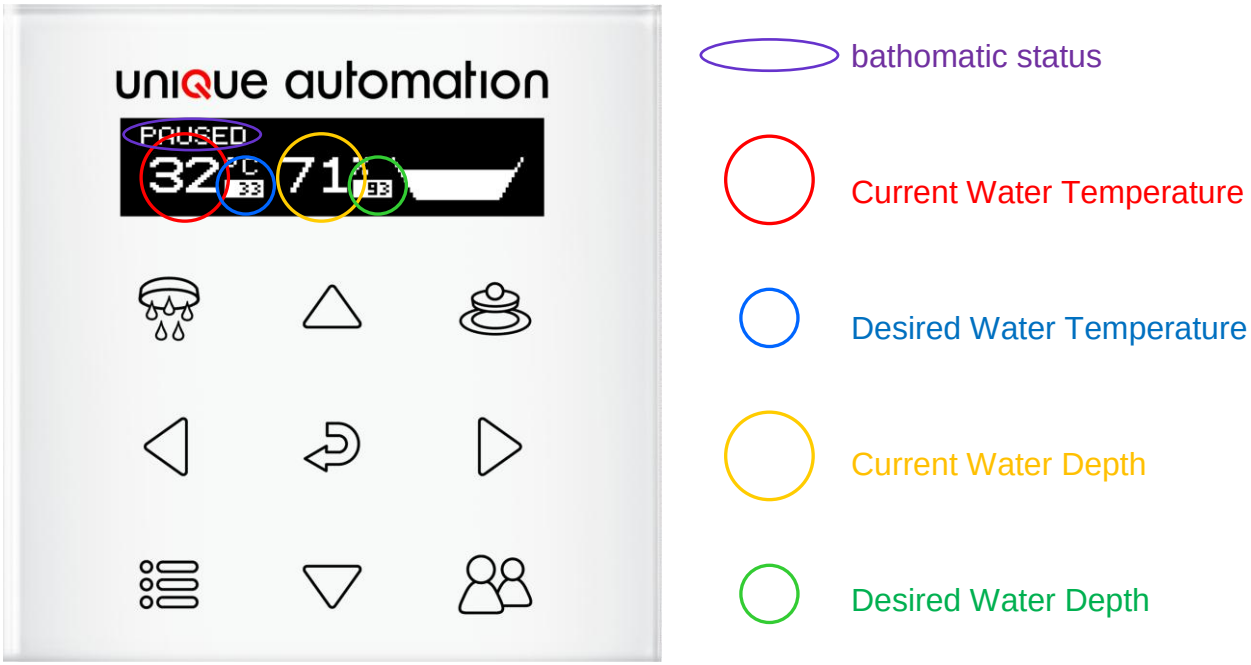
Graphics Display

When the bath is empty or BUI is not used for few minutes BUI goes into hibernation and its graphics display goes blank. To make the system ready for use you need to touch any function or navigation button and the graphics below will appear indicating bathomatic status: Current bath water temperature and depth and the last called / desired water temperature and depth.



bathomatic status:

Filling - when bathomatic is filling
Paused - bathomatic filling/draining is paused[1]
Draining / emptying - when bathomatic is draining
Empty

Current Water Temperature - displays the temperature of the water in the bath

Current Water Depth - displays the depth of the water in the bath

Desired Water Temperature - displays the temperature value last sent to bathomatic

Desired Water Depth - displays the depth value last sent to bathomatic

[1] Pressing the button during filling or draining will put bathomatic in paused status awaiting further instructions. Pressing the button again will change status to filling and followed by the button will change status to draining.

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Quick Start

Touch the BUI if the graphics display is blank. The graphics display will light up showing the current depth and temperature of water in the bath in the larger font and in the small font on the lower right below temperature and depth the last used desired values for temperature and depth. Should you whish to run the same values again, just press ⏎

To increase/decrease the desired water temperature use ▷ / ◁ and to increase/decrease the desired water depth use △ / ▽. Pressing the ⏎ will start filling to the new values.

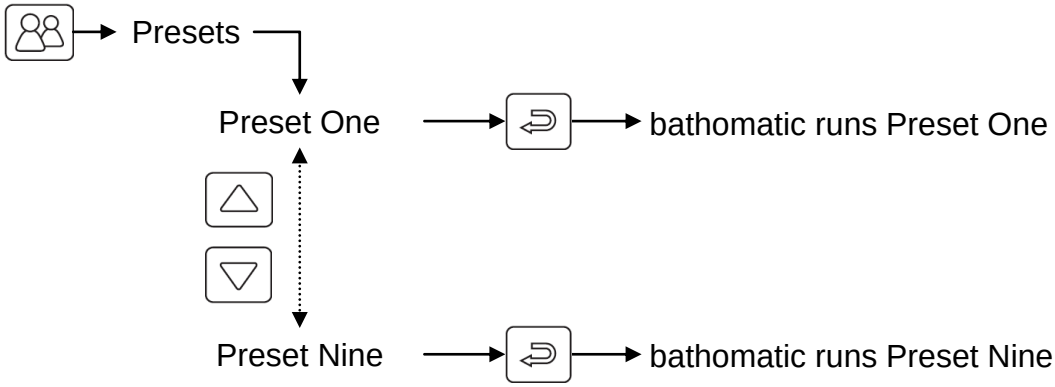
The desired values for water temperature and depth can be altered when bathomatic is empty and is not filling or draining. Should you wish to change the desired temperature and depth when bathomatic is filling or draining press ⏎ which will pause bathomatic, then change the values and press ⏎ again for bathomatic to resume filling to the new settings.

When the desired water temperature and depth are being changed their reading on the graphics display move from the small to the big font type in the place of the current values.

Presets

bathomatic stores 9 presets with individual temperature, depth and perfume selection.

Running a preset



From the preset menu using the △ / ▽ buttons select the presets you wish to run followed by the confirmation button ⏎ .

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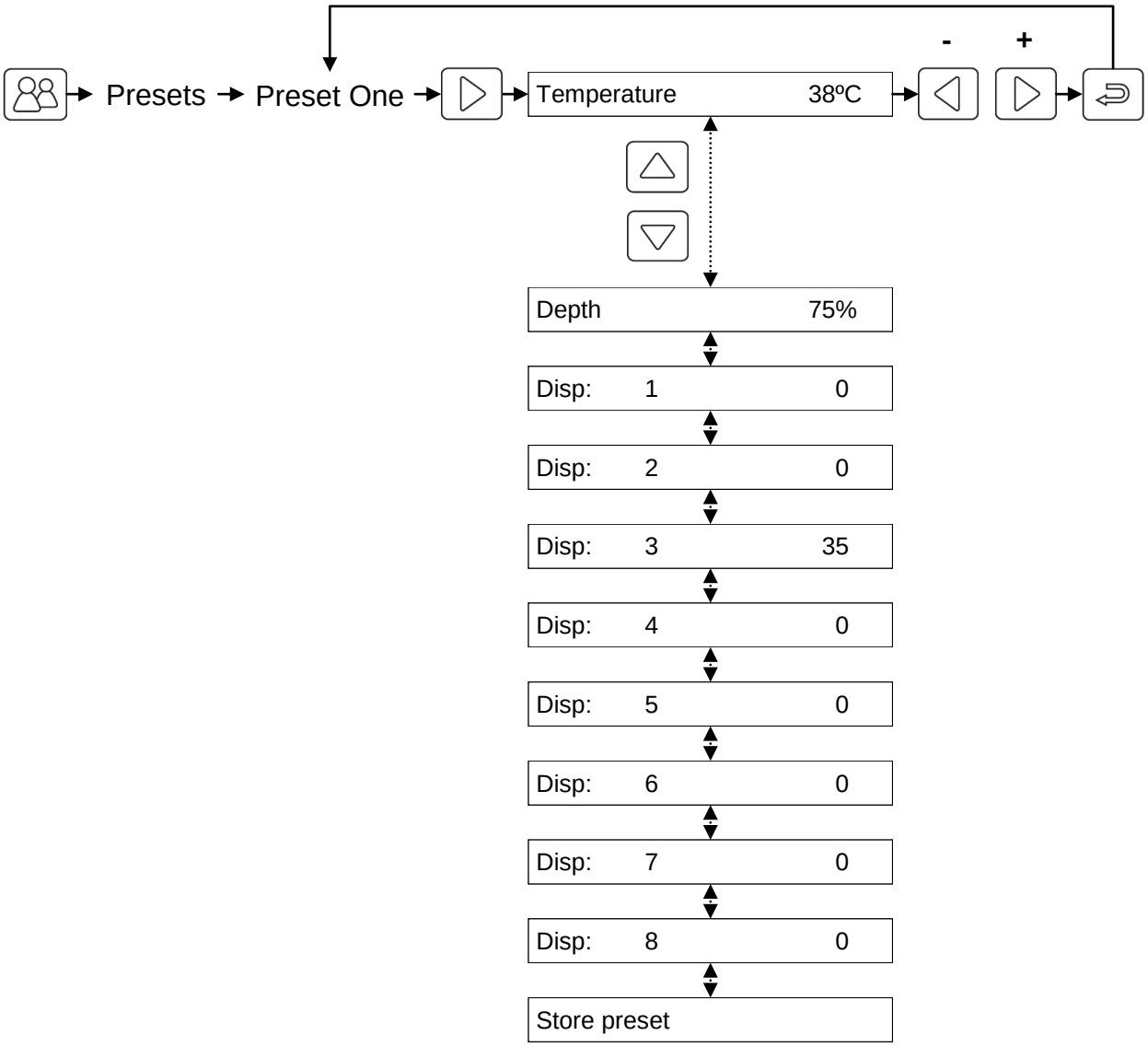
Changing a preset



To change the values of a preset press and using the / buttons select the presets you wish to alter. Pressing takes you to the preset variables and / navigate amongst the variables. To increase/decrease the value of a variable use / . The confirmation button takes you a step back into the preset and if pressed again runs the chosen preset.

Saving a preset

Following the process above alter the variables of a preset and end the process by scrolling to the Store preset line and using store the preset or using store the preset and go back to the preset menu.

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Hand Shower

bathomatic with hand shower allows a hand or overhead shower to be controlled from the BUI. Pressing the button will display a hand shower icon with temperature and flow bars. To start the shower adjust the temperature value to one you desire using / and then press the repeatedly until the desired flow of water is achieved. To turn the shower off press the once or button repeatedly until all bars are empty and the shower stops. Exit by pressing the button.

Drain Operation

Closing the drain

BUI has a dedicate plug/drain button. When the bath is empty and the plug/drain is open pressing the button will prompt a message “CLOSE PLUG?” and to do this you need to press the button.

Opening the drain

When the bath plug/drain is closed with an empty bath or one containing water the pressing of the button will prompt a message “EMPTY BATH?” and to do this you need to press the button. If there is water in the bath a “DRAINING” message will appear.

When bathomatic is filing the drain cannot be open. Should you wish to open the drain while bathomatic is filling you need to pause bathomatic by pressing the button. When bathomatic is paused the drain functionality is enabled.

Main menu

Access the main menu by press the menu button

From within the main menu using / buttons select the option you whish to change then use / to make the required change.

Main menu options:

Lock keyboard – cleaning or child lock

Temperature Units – Centigrade or Fahrenheit

Sleep Time – 1 or 5 minutes

Service Menu

About – firmware version and service contact details

Exit by pressing the menu button

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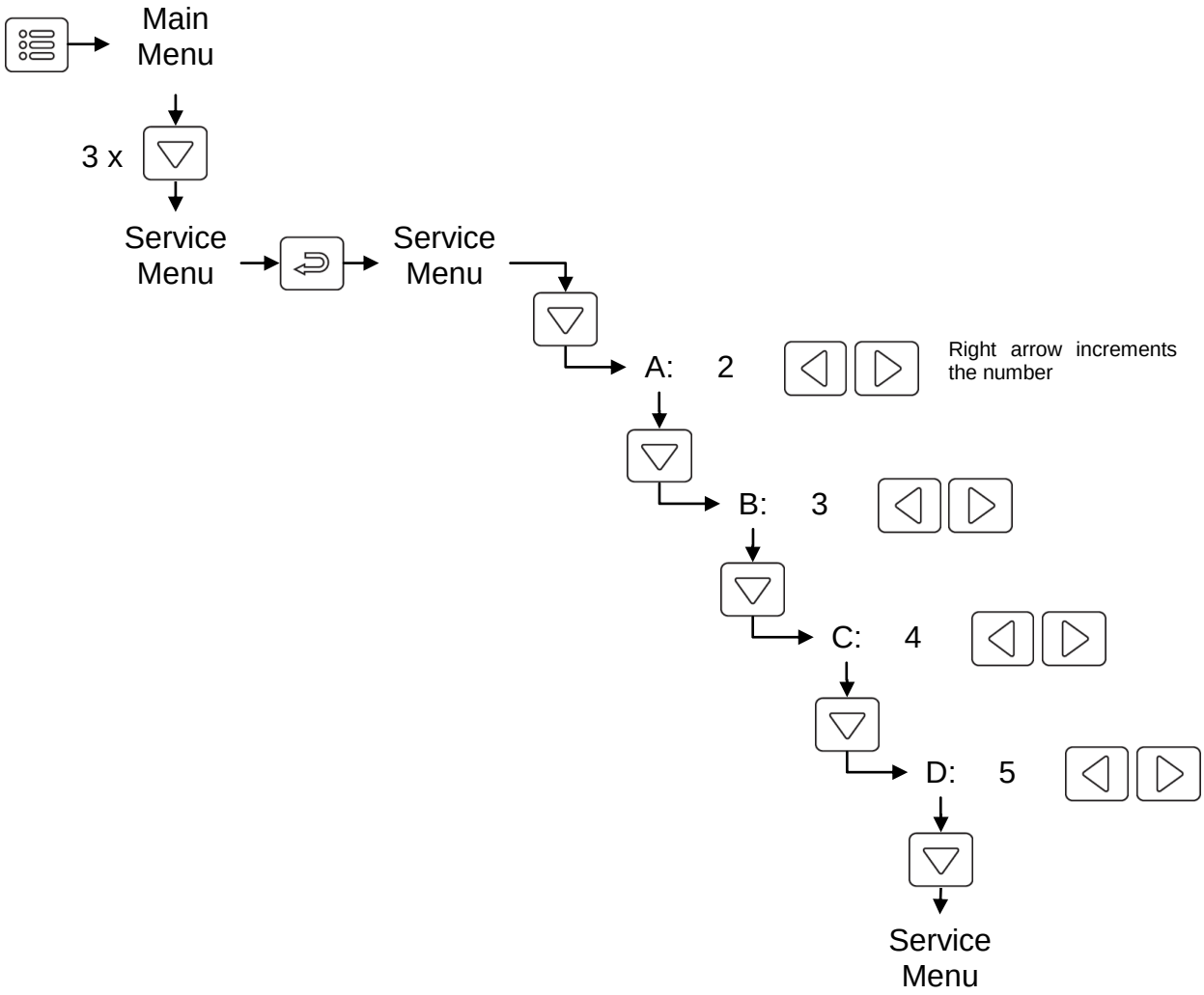
Service menu



Exit the service menu by pressing the menu button

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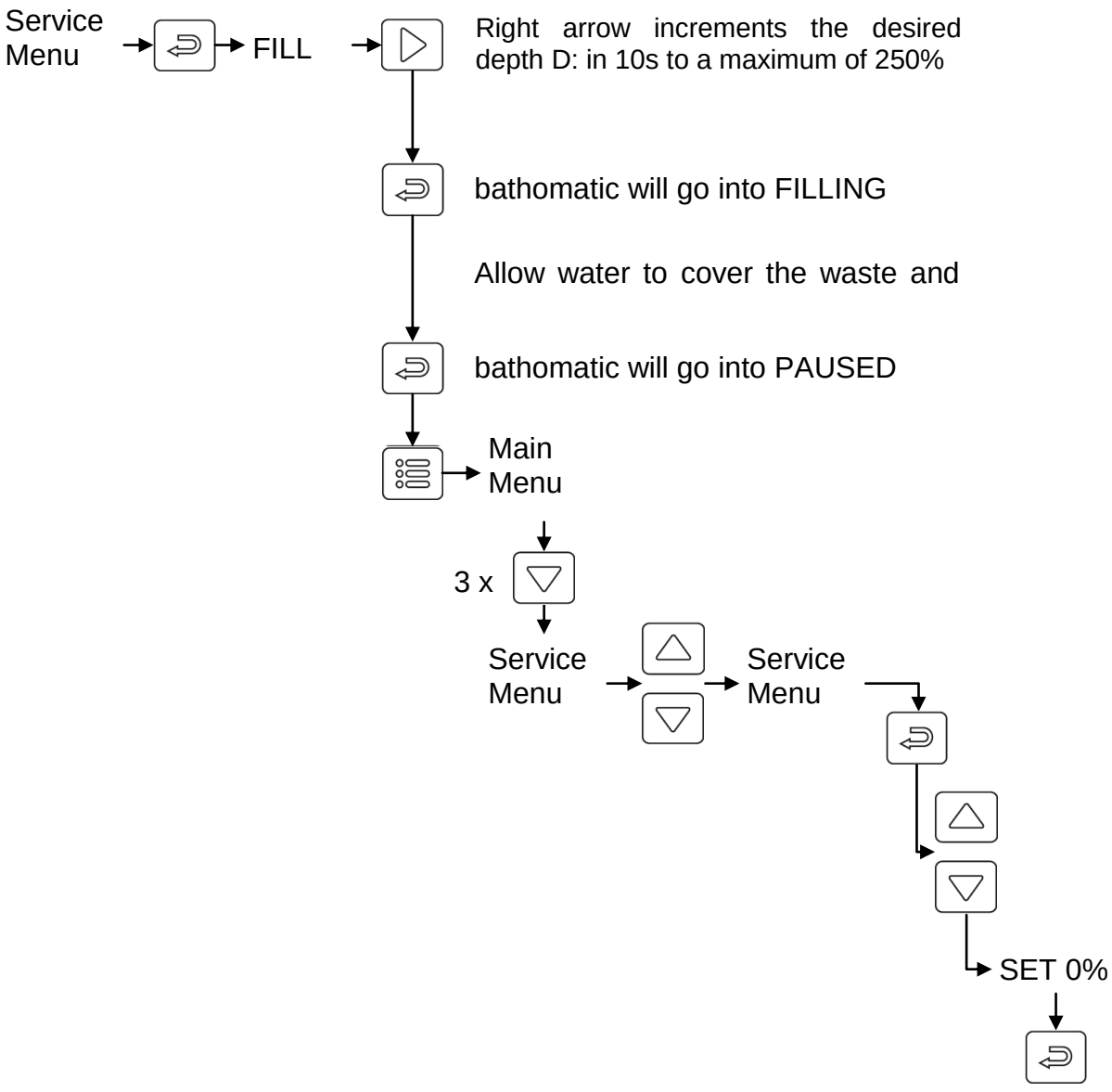
0% - bath calibration

The easiest and fastest way for 0% bath calibration is done by pouring water into the bath tub with the plug closed until the water fills the cavity of the waste completely and becomes level with the bottom of the bath tub. When the water is level with the bottom of the bath tub let it settle for a little while then select SET 0% in the SERVICE MENU and press ⮌ to store the value.

Below is a method for 0% bath calibration using the BUI. Some practice is necessary until you can precisely draw the right amount of water by using only the BUI and often it is easier to draw more water than needed and adjust the depth by manually lifting the plug until the water level is at 0%


Service Menu
FILL
Right arrow increments the desired depth D: in 10s to a maximum of 250%
bathomatic will go into FILLING
Allow water to cover the waste and
bathomatic will go into PAUSED
Main Menu
3 x
Service Menu
Service Menu
SET 0%

Bath tub calibration should only be undertaken when the bath tub is in sight, and you have easy access to the power switches supplying bathomatic and all associated equipment. It is advisable that calibration is done prior to final positioning of the bath panels/aprons. bathomatic can only operate reliably if it is calibrated correctly

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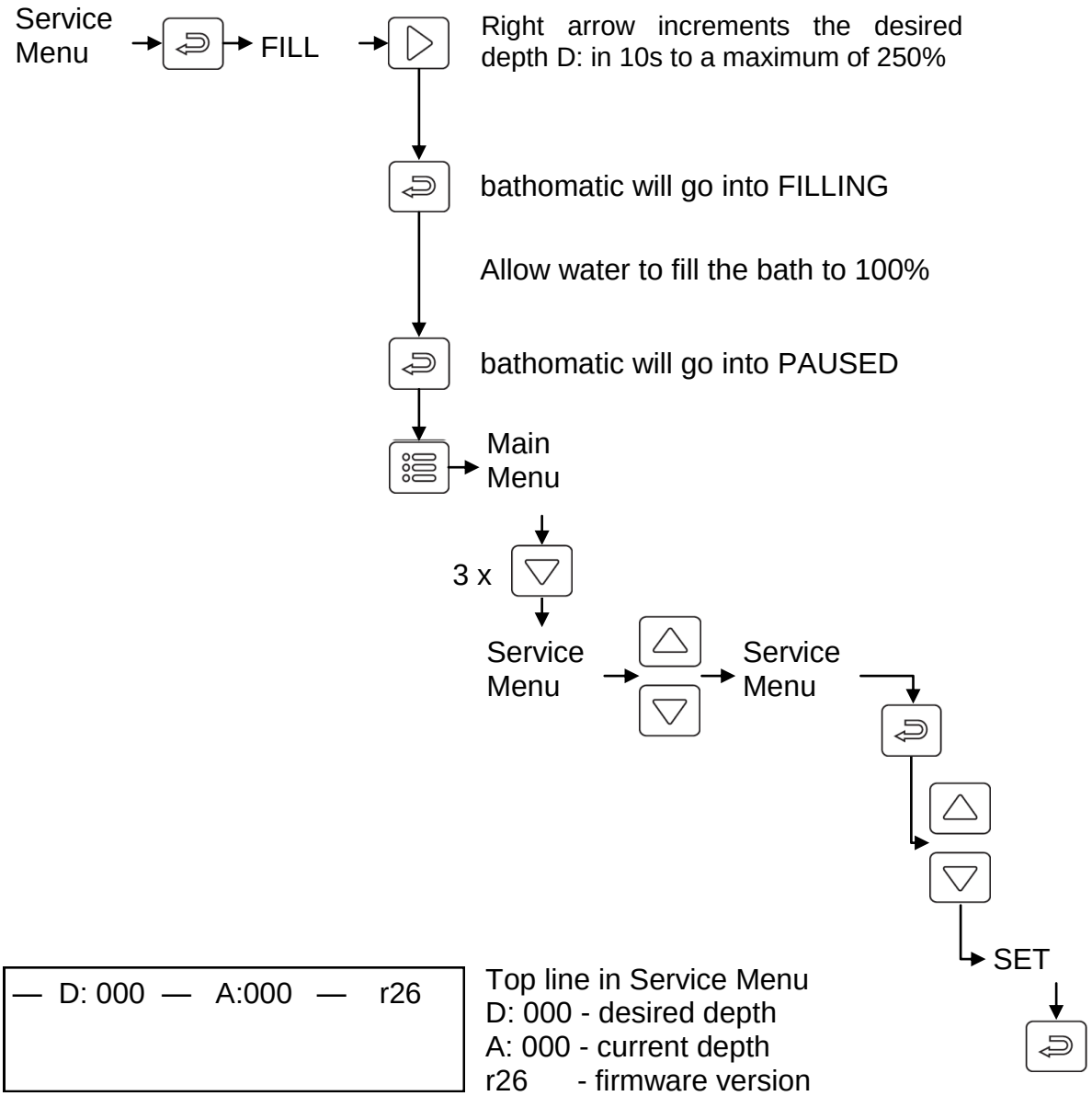
100% - bath calibration

Different bath tubs hold different amounts of water, thus calibrating the baths 100% depth is essential to ensure bathomatic does not overflow. bathomatic can take any depth to be 100% thus you have to teach it your choice of 100% depth or full bath. Typically 100% is set to at least 20mm below the point of overflow. When the bath tub is full let the water settle for a little while then select SET 100% in the SERVICE MENU and press ⮌ to store the value. Before you attempt to SET 100% you must first SET 0%


Service Menu
FILL
Right arrow increments the desired depth D: in 10s to a maximum of 250%
bathomatic will go into FILLING
Allow water to fill the bath to 100%
bathomatic will go into PAUSED
Main Menu
3 x
Service Menu
Service Menu
SET
— D: 000 — A:000 — r26
Top line in Service Menu
D: 000 - desired depth
A: 000 - current depth
r26 - firmware version

It is strongly recommended that 100% bath calibration is made below the point of overflow.

If 100% - bath calibration is set at the point of overflowing, due to the fluctuation of depth reading bathomatic may never reach 100%, thus it may not stop filling should 100% fill is requested.

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